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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc872 U.S. PTO
09/765226
01/18/01

Atty's Docket No: 101215-54

Applicant(s) : Baining Liu et al.

Filed : Concurrently herewith

For : Frequency-converted Laser Apparatus with Frequency
Conversion Crystals

INFORMATION DISCLOSURE STATEMENT

Hon. Assistant Commissioner of Patents
Washington, D.C. 20231

Dear Sir:

The following sections are being submitted for this Information

Disclosure Statement:

- Sec. 1 - Preliminary Statements
- Sec. 2 - Identification of Time of Filing
- Sec. 4 - Statements with Respect to Listing of Information
- Sec. 5 - Statements with Respect to Translations of Non-
English Information
- Sec. 6 - Statements with Respect to Copies of Listed
Information Items Accompanying This Statement
- Sec. 8 - Concise Explanation of Listed Information Items

Section 1
Preliminary Statements

Applicants submit herewith patents, publications or other information of which they are aware, which they believe may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR 1.56.

While this Information Disclosure Statement may be "material" pursuant to 37 CFR 1.56 it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR 1.97(b) the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists.

Section 2
Identification of Time of Filing

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Section 4
Statements with Respect to Listing of Information

A list of the patent(s) and/or publications is set forth on the attached 1 page of Form PTO-1449 (modified).

Section 5

Statements with Respect to Translations of Non-English Information

No English language translations of the foreign language patents, publications or information or parts thereof are readily available.

Section 6

Statements with Respect to Copies of Listed Information Items Accompanying This Statement

A copy of each of the items on PTO-1449 (modified) is supplied herewith.

Section 8

Concise Explanation of Listed Information Items

A concise explanation of the items listed on PTO-1449 (modified) is given for each listed non-English item.

German 198 15 362

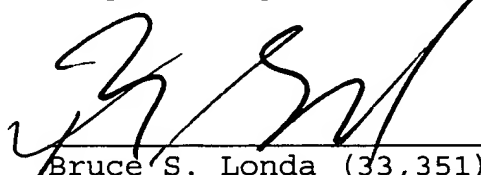
Parasitic charge carrier gratings in optically nonlinear materials are modified during frequency conversion by optical, thermal, electrical, thermo-optical, thermo-optical-electrical or micromechanical action. Used during frequency doubling of laser radiation, e.g. to obtain constant UV laser radiation from a high power green-emitting laser.

German 198 14 199

A ring resonator is used with mirrors (M1,M2) and at least one refractive element (P). The tuning of the resonator length is effected by translatory adjustment of a purely refractive element. An

independent claim for a resonance amplification device is also included. Resonance amplification method is used for frequency conversion of continuous laser radiation.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read 'B. S. Londa', is written over a horizontal line.

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